

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

89. (amended) A computer system for inputting, storing, organizing, retrieving, and authenticating, medical records, clinical data, and patient data, the system comprising:

means for converting original hardcopy medical records, clinical data, and patient data to digital records, using a digitizing process

means for simultaneously assigning and embedding a unique patient identifier to each said digital record, during said digitizing process

means for ~~integrating~~ simultaneously assigning and embedding a first digital physician signature into each said digital record, during said digitizing process

memory for storing said digital records therein,

means for storing said digital records in said memory and retrieving said digital records from said memory,

a physician signature database having a plurality of physician names and corresponding second digital physician signatures stored therein,

means for authenticating said digital records including means for comparing a said first digital physician signature retrieved from a selected one of said digital records with a corresponding one of said second digital physician signatures retrieved from said physician signature database, and

means for outputting said digital records.

90. (unchanged) The computer system of claim 89 wherein said stored digital records are accessible using at least one of said patient identifier, said first physician signature, a biometric characteristic of a user, and a system password.

91. (amended) The computer system of claim 89 wherein said digital records are accessible via a plurality of means including: at least one of a computer network, , a telephone, a voice recognition system, a data access system.
92. (amended) The computer system of claim 89 wherein said digital records are stored in a format including at least one discrete data field, wherein said data records are retrievable based on at least one of a plurality of means including: the age and date of said clinical data, the severity of said patient's medical condition, and the medical relevance of said clinical data in treating said patient.
93. (amended) The computer system of claim 89 wherein said digital records can be updated on a 24 hour basis via one of a plurality of means including: a computer network, a telephone system, a data access system.
94. (unchanged) The computer system of claim 89 wherein said stored digital records are encrypted.
95. (amended) The computer system of claim 89 wherein a said patient can wear or carry an identification means device corresponding to at least one of said computer system that has a plurality of markings for identifying said patient has a medical condition and said patient identifier, said identification and a means for indicating, including said unique patient identifier, that said patient has a medical condition and said digital records corresponding to said patient are accessible via said computer system.
96. (unchanged) The computer system of claim 95 wherein said medical records can be accessed, updated, and changed on a 24 hour basis using

at least one of the Internet, an Intranet, a telephone system, a data access system.

97 (unchanged) The computer system of claim 89 further comprising a plurality of computers or workstations coupled to said memory for simultaneous access, processing or transmitting of said digital records.

98 (amended) A process for inputting, storing, organizing, retrieving and authenticating medical records, clinical data, and personal data, the process comprising the steps of:

converting a plurality of original hardcopy medical records into corresponding digital records; using a digitizing process

assigning and embedding a unique patient identifier to each said digital record; simultaneous with the digitizing process

~~integrating~~ embedding a first digital physician signature into each said digital record; simultaneous with said digitizing process

storing said digital records in a computer memory;

storing a plurality of physician names and corresponding second digital physician signatures in a computer memory;

authenticating said digital records by comparing said first physician signature to a corresponding one of said second physician signatures;

retrieving said stored digital records for a selected patient; and

outputting said retrieved digital records.

99. (amended) The process of claim 98 wherein said step of retrieving said digital records further comprises a step of authorizing access to said computer memory, said step of authorizing access includes ~~ing using one of~~ a plurality of identification means including: said patient identifier, said first physician signature, a biometric characteristic of a user, and a password..

100. (amended) The process of claim 99 wherein the step of retrieving said digital records further comprises a step of accessing said computer memory, using ~~at least one of~~ a plurality of means including: a computer network, a telephone, and a voice or data access system.
101. (unchanged) The process of claim 98 wherein said step of storing said digital records includes organizing said digital records in a page format including at least one discrete data field..
102. (amended) The process of claim 98 wherein the step of outputting said digital records includes ordering said digital records ~~based one at least one of an~~ by a plurality of means including: the age and date of said clinical data, a degree of said patient's medical condition, and a relevance of said clinical data ~~to treating said patient.~~
103. (unchanged) The process of claim 98 further comprising a step of updating said digital records.
104. (unchanged) The process of claim 98 further comprising a step of encrypting said digital records.
105. (amended) The process of claim 98 further comprising a step of providing an identification device means, wherein a patient can wear or carry said identification device means, ~~said identification means~~ for the purpose of indicating that a patient has a medical condition and medical records corresponding to said patient are accessible from said ~~an identifiable~~ computer system.
- 106 (amended) The process of claim 98 further comprising a step of providing a plurality of remote computers or workstations wherein each said remote

computer or workstation provides for ~~simultaneously~~ accessing and processing said stored digital records.

107 (amended) A computer system for inputting, storing, organizing, authenticating, retrieving medical records, clinical data, and patient data, the system comprising:

means for ~~creating digital~~ converting original hardcopy medical records, clinical data, and patient data to digital records using a digitizing process;

means for simultaneously assigning and embedding a first physician biometric characteristic ~~each of a plurality of users of the computer system a first user ID, said first user ID including a biometric characteristic corresponding to said user.~~ into each said digital record during said digitizing process;

means for storing ~~each said first user ID;~~ said digital records therein;

means for authenticating a ~~said user~~ digital records including comparing a second user ID ~~physician biometric characteristic~~ obtained during a login process to said computer system to a corresponding one of said stored first user IDs first physician biometric characteristic.

108 (amended) A process for inputting, storing, organizing, authenticating, retrieving medical records, clinical data, and patient data, the process comprising:

~~creating digital~~ converting original hardcopy medical records, ~~including,~~ clinical data, and patient data ~~corresponding to a patient;~~ to digital records using a digitizing process

~~storing said digital medical records corresponding to said patient;~~

~~assigning to a user a first user ID including~~ embedding a first physician biometric characteristic into each said digital record simultaneous with said digitizing process; ~~corresponding to said user;~~

~~storing said first user ID; and~~

storing said digital medical records corresponding to said patient therein;

authenticating a user by comparing a second user ID obtained during a system login process to said stored user ID corresponding to said user. Said digital records by comparing a second physician biomedical characteristic obtained during login to said first physician biometric characteristic embedded in said digital record.